

**Flood Control Project Maintenance
Levee Inspections**

Fall 2010 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0554	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0554 Walnut Grove	U	1.09				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.14		0.14	12.84%		
Trim / Thin Trees	0.01		0.01	0.92%		
Encroachments	0.01		0.01	0.92%	0.02	
Animal Control	0.02		0.02	1.84%		
USACE Erosion Survey		0.09	0.36	33.03%		
<i>LMA Totals:</i>	0.18	0.09	0.54	49.54%	0.02	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2010 Levee Inspection Results

Reclamation District No. 0554 Walnut Grove

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

Reclamation District No. 0554 Walnut Grove

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	1.09
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/16/2010		9/23/2010	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By			None None	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0554 Walnut Grove

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River							Left	1.09	11/09/2010 11/09/2010	Herman Phillips	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End	Photo	
1	0.00	0.00	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°	11	
								°	°	Y	
2	0.00	0.00	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°	12	
								°	°	Y	
3	0.25	0.34	Supplemental	USACE Erosion Survey	WS	U	Inspector Comments: 2009: 2 ft berm, 1.5:1 slope, tension cracks, tree hazards, holes and slumping, clays and silts, 6.23 ft/s [2009 SiteID:SAC_27-0_L]	38.246183 ° -121.510797 °	38.245017 ° -121.511742 °	16 Y	
4	0.29	0.29	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	38.245530 ° -121.511198 °	38.245530 ° -121.511198 °	1	
5	0.30	0.32	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	38.245377 ° -121.510990 °	38.245135 ° -121.511235 °	4	
6	0.39	0.39	Earthen Levee	Trim / Thin Trees	WS	C	Tree stumps.	38.244268 ° -121.512073 °	38.244268 ° -121.512073 °	2	
7	0.45	0.45	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.	38.243648 ° -121.512678 °	38.243648 ° -121.512678 °	3	
8	0.69	0.69	Earthen Levee	Encroachments	WS	M	Tree or limb Inspector Comments: Photo taken three new palms planted in fill (rock site) threes are planted in the shoulder water side slope. 47/47100-0705 38.240735-121.515137. 48/48 100-0706. downstream end of trees.	38.240737 ° -121.515135 °	38.240737 ° -121.515135 °	7 Y	
9	0.77	0.85	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°	10	
								°	°		
10	0.97	1.03	Earthen Levee	Vegetation	WS	C	Remove the wild growth other than native grasses from the levee slopes.	38.237085 ° -121.516837 °	38.236395 ° -121.516902 °	13	
11	0.97	0.97	Earthen Levee	Encroachments	WS	PO	Buildings	38.237108 ° -121.516743 °	38.237108 ° -121.516743 °	6	
12	0.98	0.99	Earthen Levee	Encroachments	WS	PO	Fences	38.237100 ° -121.516730 °	38.236867 ° -121.516868 °	5	
13	1.04	1.08	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.236153 ° -121.516900 °	38.235150 ° -121.517417 °	14	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.09	11/09/2010 11/09/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Looking downstream from levee mile 0.00 of RD 554 landside. Photo taken 11-09-2010

phillips_f_20101130_354.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Looking downstream from levee mile 0.00 water side of RD 554. Photo taken 11-09-2010

phillips_f_20101130_355.jpg



Levee Mile Report Line	3
Start Levee Mile	0.25
End Levee Mile	0.34
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

2009: 2 ft berm, 1.5:1 slope, tension cracks, tree hazards, holes and slumping, clays and silts, 6.23 ft/s [2009 SiteID:SAC_27-0_L]

phillips_f_20100923_275.JPG



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected/Rated	C : Corrected W : Watch/Monitor
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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2010

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.09	11/09/2010 11/09/2010	Herman Phillips

Levee Mile Report Line	8
Start Levee Mile	0.69
End Levee Mile	0.69
Location	Water Side
Category	Earthen Levee
Item	Encroachments

This photo shows the unauthorized trees planted on water ward shoulders. 38.240735-121.515137 levee mile 0.69 facing downstream standing on water side.

phillips_f_20100923_273.jpg



Levee Mile Report Line	8
Start Levee Mile	0.69
End Levee Mile	0.69
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Standing downstream on waterside looking upstream at unauthorized planting of trees on shoulder.

phillips_f_20100923_274.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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